

Smart Skies			
2010 21st Century Science			
Standards and Objectives			
West Virginia 21st Century Science			
Grade 9 (Grade Nine Physical Science)			
Activity/Lesson	State	Standards	
Fly by Math	WV	SCI.9.SC.O.PS. 1.4	Design, conduct, evaluate and revise experiments (e.g., compose a question to be investigated, design a controlled investigation that produces numeric data, evaluate the data in the context of scientific laws and principles, construct a conclusion based on findings, propose revisions to investigations based on manipulation of variables and/or analysis of error, or communicate and defend the results and conclusions).
Fly by Math	WV	SCI.9.SC.O.PS. 1.5	Draw conclusions from a variety of data sources to analyze and interpret systems and models (e.g., use graphs and equations to measure and apply variables such as rate and scale, evaluate changes in trends and cycles, or predict the influence of external variances such as potential sources of error, or interpret maps).